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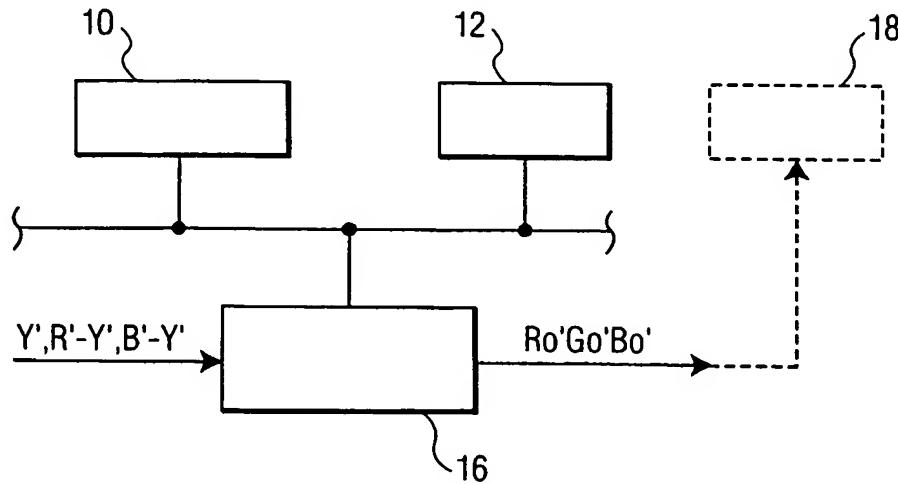
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(54) Title: MODIFIED LUMINANCE WEIGHTS FOR SATURATION CONTROL



(57) Abstract: The present invention is directed to method of processing a luminance signal including predetermined weights and color difference signals. In particular, the method includes the luminance signal and the color difference signals being converted into color signals. A second luminance signal is formed from the color signals. The second luminance signal includes second weights different from the predetermined weights. The second luminance signal is subtracted from each of the color signals to produce second color difference signals. The second color difference signals are amplified by a saturation parameter to produce amplified difference signals. Further, the second luminance signal is added to each of the amplified difference signals to produce output color signals.

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